



EXPLANATION

Outcrop of Harmon lignite bed, dashed where inferred

Clinker. Dotted line shows inferred contact with lignite

Isopach lines showing thickness in feet of the strippable lignite in the Harmon bed

105 Exposure 96 Seismograph shot hole or prospect hole
Points where Harmon lignite bed was measured.
Numbers refer to graphic section in pl. 20

Lignite mine

Abandoned lignite mine

X 2755
U. S. C. and G. S. bench mark, with elevation above sea level

STRIPPABLE LIGNITE (HARMON BED)

Overburden less than 60 feet thick
Overburden 60 to 90 feet thick
Overburden 90 to 120 feet thick

HARMON LIGNITE NOT CONSIDERED STRIPPABLE

Lignite too thin or isolated
Insufficient information on thickness and depth of lignite
Overburden more than 120 feet thick
Lignite inferred to be weathered or partly weathered.
Short-dashed line shows inferred contact with unweathered lignite
Lignite mined out

Base from General Land Office plats

INTERIOR-GEOLOGICAL SURVEY, WASHINGTON, D. C.
M R-6439

Geology mapped by W. C. Culbertson
and R. C. Keperle, 1952

MAP OF SCRANTON STRIPPABLE DEPOSIT IN THE HARMON LIGNITE BED, BOWMAN COUNTY, NORTH DAKOTA

1 0 2 Miles